



Mid-Atlantic Distribution Systems and Planning Training With NARUC-NASEO Task Force on Comprehensive Electricity Planning

D.C. Public Service Commission
1325 G Street N.W., Suite 800, Washington, D.C. 20005

AGENDA

March 7, 2019

8:45 – 9:00 am	Welcome and opening remarks – Commissioner Greer Gillis (DC PSC), Kerry Worthington (NARUC), Fred Hoover (NASEO), Lisa Schwartz (Berkeley Lab)
9:00 – 10:30 am	Distribution systems 101 – Kevin Schneider (PNNL) and Emma Stewart (LLNL)
10:30 – 10:45 am	Break
10:45 – 11:30 am	Distribution system controls and automation – Barry Mather (NREL) and Kevin Schneider (PNNL)
11:30 am – 12:15 pm	Forecasting load on distribution and transmission systems with distributed energy resources – Kevin McCabe (NREL)
12:15 – 1:15 pm	Lunch
1:15 – 2:00 pm	Impacts of distributed energy resources on transmission systems: The distribution/transmission interface – Barry Mather (NREL)
2:00 – 3:15 pm	Utility distribution planning 101 – Mike Coddington (NREL) and Kevin Schneider (PNNL)

3:15 – 3:30 pm	Break
3:30 – 4:15 pm	Reliability metrics and reliability value-based planning – Joe Eto (LBNL)
4:15 – 5:00 pm	PUC distribution planning practices – Lisa Schwartz (LBNL) and Juliet Homer (PNNL)

March 8, 2019

9:00 – 10:30 am	Benefit-cost analysis for utility-facing grid modernization investments – Tim Woolf (Synapse Energy Economics)
10:30 – 10:45 am	Break
10:45 – 11:30 am	Distribution planning and grid modernization – Paul De Martini (Newport Consulting Group)
11:30 am – 12:30 pm	Emerging distribution planning analyses: Multiple scenario forecasts, hosting capacity analysis, locational net benefits analysis – Debra Lew (GE Energy Consulting)
12:30 – 1:30 pm	Lunch
1:30 – 2:15 pm	Walk-through of long-term utility distribution plans: <i>Part 1 - Traditional plans</i> - Lavelle Freeman (GE Energy Consulting)
2:15 – 3:15 pm	Walk-through of long-term utility distribution plans: <i>Part 2 - Grid modernization plans and plans for high levels of distributed energy resources</i> - Debra Lew (GE Energy Consulting)
